"System and Method for Metadirectory Differential Updates

Among Constituent Heterogeneous Data Sources"

ABSTRACT OF THE DISCLOSURE

[0085]   A system and method which propagates change operations to data items

within a metadirectory on a differential basis in order to minimize or eliminate

redundant updates to attributes within data items that have not changed, as well as

conserve computing resources and transmission bandwidth consumed by update

activities in large organizations of data items. A best match entry in the metadirectory

is selected using a weighted score process, a determination is made as to exactly

which attributes are changed by the update operation, and a differential update is

propagated throughout the metadirectory via direct joiner access to the data items, or

through remote access such as through LDAP.